

IN THE CLAIMS

Rule 124
29 - 41
Add claims ~~37-47, 55, and 57.~~

RECEIVED
APR 16 2001
Technology Center 2100

2

Rule 124 29. [Amended] A business process representation,
comprising:

3

a point in n-dimensional space including at least one
verb dimension, at least one noun dimension, and at
least one attributes dimension;

6

said verb dimension representing a set of actions, said
noun dimension representing a managed resource object,
said attributes dimension representing a set of
expressions capable of evaluation to a Boolean value.

1

30 38. The business process representation of claim 37, said
set of actions for said verb dimension including add,
delete, change, and determine.

1

31 39. The business process representation of claim 37, said
resource objects for said noun dimension including account,
balance, customer, loan, teller, interest.

32

1 40. The business process representation of claim 37, said
2 set of expressions for said attributes dimension including
3 less than, overdue, greater than, court order, audit, null.

33

1 41. The business process representation of claim 37, said
2 verb dimension, said noun dimension, and said attributes
3 dimension comprising a process tuple including a verb
4 action, a noun object, and an attribute expression.

34

1 42. Method for systematically defining the current and
2 future business processes of an enterprise, comprising the
3 steps of:

8 providing to a business process representation
9 including a set of points in n-dimensional space, each
10 point including at least one verb dimension, at least
11 one noun dimension, and at least one attributes
12 dimension; and

13 selectively modifying said representation by
14 selectively adding, deleting and changing a set of
15 actions representing said verb dimension, a set of
16 managed resource objects representing said noun
17 dimension, and a set of expressions representing said

18 attributes dimension, each said expression being
19 capable of evaluation to a Boolean value.

35

1 43. The method of claim 42, further comprising the step of:
2 modifying said representation by grouping subsets of
3 any of said dimension sets.

36

1 44. The method of claim 43, further comprising the step of:
2 selectively adding to a dimension new group elements,
3 thereby combining noncontiguous sets of planes in said
4 n-dimensional space into a single plane.

37

1 45. The method of claim 43, further comprising the step of:
2 selectively subsetting elements of a group of elements
3 by defining a new elements added to a set as belonging
4 to an existing element.

38

1 46. The method of claim 42, further comprising the steps:

2 responsive to a first user request, prompting said user
3 for a file name and dimension names and, responsive to
4 said names, creating a new process space; and

5 responsive to a second user request, displaying to said
6 user a window selectively enabling said user to select
7 a directory and then within that directory a file or to
8 enter a name for a file, reading said file, and
9 creating a new process space main window to reflect the
10 contents of said file.

39

1 47. Method for enabling automatic interpretation of
2 processes, comprising the steps of:

3 defining process space as a set of points in n-
4 dimensional space, each point including at least one
5 verb dimension, at least one noun dimension, and at
6 least one attributes dimension;

7 said verb dimension, said noun dimension, and said
8 attributes dimension comprising a process tuple
9 including a verb action, a noun object, and an

10 attribute expression;

11 naming a group of points in said process space as a
12 named noun and adding said named noun to said noun
13 dimension as a noun object; and

14 selectively defining processes using existing or new
15 verbs for said named noun.

b
40
1 55. A program storage device readable by a machine,
2 tangibly embodying a program of instructions executable by a
3 machine to perform method steps for systematically defining
4 the current and future business processes of an enterprise,
5 said method steps comprising:

6 providing to a business process representation
7 including a set of points in n-dimensional space, each
8 point including at least one verb dimension, at least
9 one noun dimension, and at least one attributes
10 dimension; and

11 selectively modifying said representation by
12 selectively adding, deleting and changing a set of
13 actions representing said verb dimension, a set of

14 managed resource objects representing said noun
15 dimension, and a set of expressions representing said
16 attributes dimension, each said expression being
17 capable of evaluation to a Boolean value.

41
1 57. System for capturing in workflow solutions the policies
2 a business uses to guide its activities, comprising:

3 a display panel for displaying a navigation space and a
4 plurality of scrollable lists including a noun list, a
5 verbs list and an attributes list;

6 said display panel being operable for highlighting in
7 said navigation space a point representing a process
8 tuple responsive to user selection of a noun list
9 entry, a verbs list entry, and an attributes list
10 entry;

11 means responsive to selection of two entries from two
12 of said lists, highlighting in said navigation space a
13 highlighted plane of points representing process tuples
14 for all entries in the list not selected, and
15 responsive to selection of a highlighted point
16 displaying the definition of the process represented by
17 said highlighted point.